

“Commerzbank – Arena reduces energy costs by €300,000 a year”

CLIENT:	Commerzbank Arena
SECTOR:	Sports Stadium / Football stadium
COST CATEGORIES:	Expense Reduction Analysts optimised the existing contracts to deliver yearly savings of over 300,000 Euros.

Since its completion in 2005, the Commerzbank -Arena provides 48,000 seats for sport, business or social events.

The Commerzbank-Arena provides large exclusive function rooms, VIP boxes, presentation rooms and extensive catering areas. Furthermore offices, kitchens, fire and traffic management offices, stadium security and more function rooms can be found under the ranks of seats. Some 37,500m² of roof surface form the world's largest steel cable membrane roof. The 9,000m² internal roof can be open or closed as and when needed. A special feature is the video dice in the middle of the arena, which can show events perfectly on the 4 LED screens, each around 33m² wide.

To cover the energy costs of running the infrastructure, Commerzbank-Arena spent over one million Euros. Therefore, the Stadion Frankfurt GmbH asked Volker Worringer from Expense Reduction Analysts to manage a cost-reduction project; he teamed up with Peter Dächert, energy expert.

Due to the pressure to be ready for the 2006 World Cup in Germany, there had been no time to fully optimise the energy for the stadium. Moreover, the different delivery points were operated by various service providers. The main supplier was a regional energy provider.

To generate sustainable savings in the energy category, Expense Reduction Analysts optimised the existing contracts, leaving main suppliers to assume, as partners of the stadium, the external utilities that could be gained. Furthermore, the emergency generator and the costs for the use of the network were improved, energy projects were launched and an energy management introduced. Electronic petrol stations were installed in the underground car park.

The results of these changes and adjustment are yearly savings of 300,000 Euros.



Without Expense Reduction Management, we would not have achieved this result. We are looking forward to further projects together.

CHRISTOPHER FIORI,
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MANAGEMENT GMBH